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Claim Chart for US Patent Application 20050015353

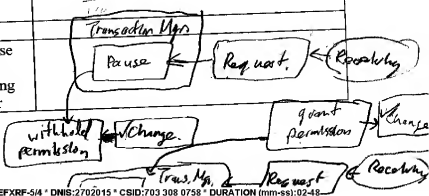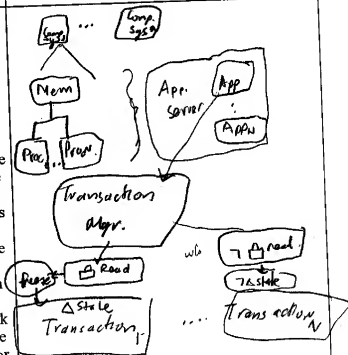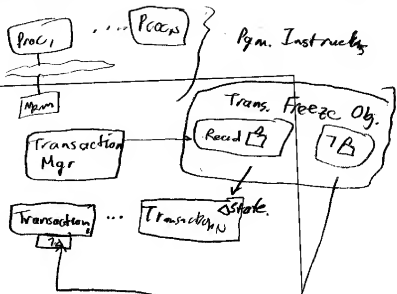| Claim Language |
|---|
| **Claim 1** |
| 1. A system, comprising: one or more processors; memory coupled to the one or more processors and configured to store program instructions   executable by the one or more processors to implement: one or more applications configured to initiate one or more transactions, wherein   each of the one or more transactions comprises requests to access one or   more data sources; and a transaction manager configured to manage the one   or more transactions initiated by the one or more applications; wherein   for each transaction, the transaction manager is configured to request   permission to change the state of the transaction, and wherein the   transaction manager is configured to not change the state of the   transaction without said permission. |
| **Claim 10** |
| 10. A system, comprising a plurality of computer systems coupled by one or more networks, wherein the plurality of computer systems comprise: one or   more processors; and memory coupled to the one or more processors and   configured to store program instructions executable by the one or more processors to implement one or more application servers comprising: one   or more applications configured to initiate one or more transactions,   wherein each of the one or more transactions comprises requests to access one or more data sources; and one or more transaction managers configured   to manage the one or more transactions initiated by the one or more   applications; wherein for each transaction, the one or more transaction managers are configured to request. permission to change the state of the   transaction, and wherein the one or more transaction managers are   configured to not change the state of the transaction without said   permission. |
| **Claim 11** |
| 11. A system, comprising: one or more |

processors; memory coupled to the one or more processors and configured to store program instructions   executable by the one or more processors to implement: one or more applications configured to initiate one or more transactions, wherein   each of the one or more transactions comprises requests to access one or   more data sources; and a transaction manager configured to manage the one   or more transactions initiated by the one or more applications; wherein   for each transaction, the transaction manager is configured to request a   read lock on a transaction freeze object to change the state of the   transaction, and wherein the transaction manager is configured to not   change the state of the transaction without said lock.

Claim 20

20. A system, comprising a plurality of computer systems coupled by one or more networks, wherein the plurality of computer systems comprise: one or   more processors; and memory coupled to the one or more processors and   configured to store program instructions executable by the one or more processors to implement one or more application servers comprising: one   or more applications configured to initiate one or more transactions,   wherein each of the one or more transactions comprises requests to access one or more data sources; and one or more transaction managers configured   to manage the one or more transactions initiated by the one or more   applications; wherein for each transaction, the one or more transaction managers are configured to request a read lock on a transaction freeze   object to change the state of the transaction, and wherein the one or more transaction managers are configured to not change the state of the   transaction without said lock.
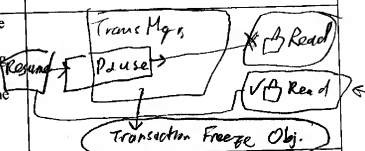
Claim 21

21. A method, comprising: receiving a pause request; pausing a transaction manager in response to the pause request by withholding permission to   change the state of one or

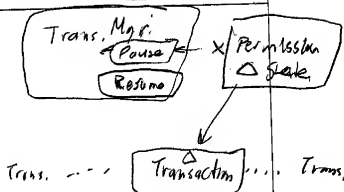|	
more transactions managed by the transaction manager. receiving a plurality of resume requests; and resuming the transaction manager in response the resume request by granting permission to change the state of the one or more transactions managed by the transaction manager.	
Claim 30	
30. A method, comprising: receiving a pause request; pausing a transaction manager in response to the pause request by withholding read locks on a transaction freeze object. receiving a resume request; and resuming the transaction manager in response the resume request by granting read locks on the transaction freeze object.	
Claim 39	
39. A carrier medium comprising program instructions, wherein the program instructions are computer-executable to: receive a pause request; pause a transaction manager in response the pause request by withholding permission to change the state of one or more transactions managed by the transaction manager. receive a resume request; and resume the transaction manager in response to the resume request by granting permission to change the state of the one or more transactions managed by the transaction manager.	
Claim 48	
48. A carrier medium comprising program instructions, wherein the program instructions are computer-executable to: receive a pause request; pause a transaction manager in response to the pause request by withholding read locks on a transaction freeze object. receive a resume request; and resume the transaction manager in response to the resume request by granting read locks on the transaction freeze object.	